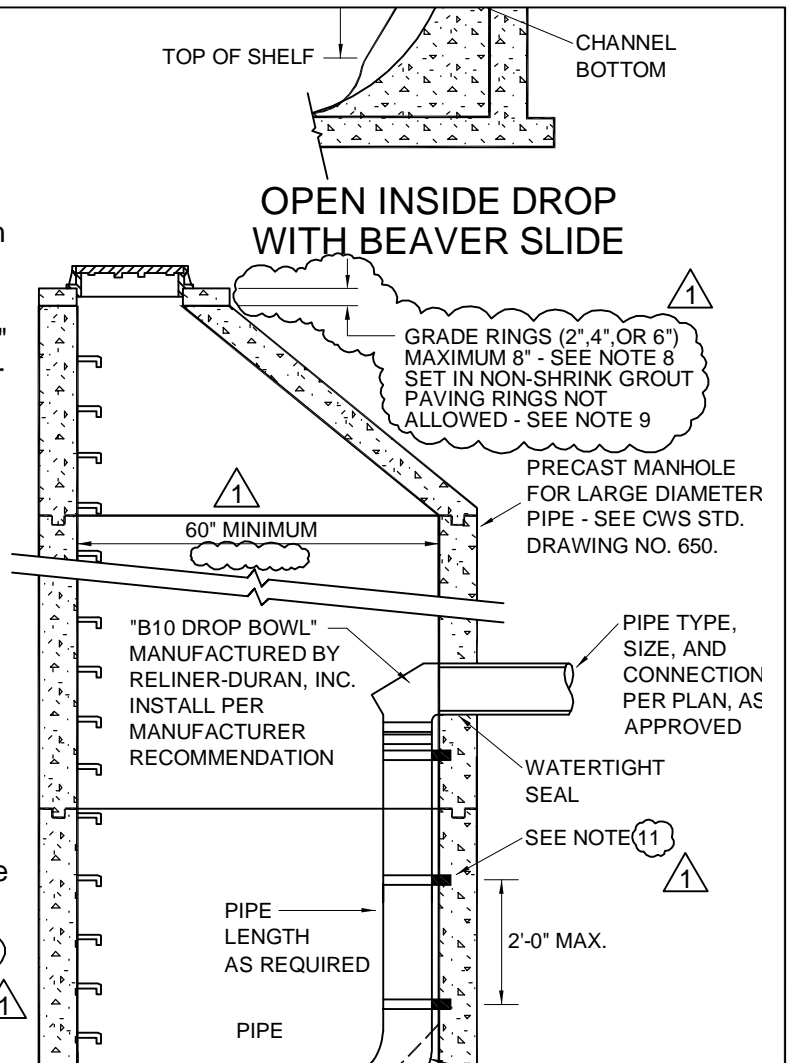


# REVISION OF CITY OF BEAVERTON STANDARD DRAWING NO. 306 11-15-04

## NOTES:

1. All precast manhole riser sections shall conform to the requirements of ASTM C-478 and applicable provisions of *Beaverton Standard Dwg 304*.
2. A single "open" (unenclosed) inside drop with a "BEAVER SLIDE" may be allowed with prior written approval of the City Engineer.
3. The City does not allow outside drops, "open" (unenclosed) inside drops over 2 feet high, or partitioned inside drops.
4. Pipe and fittings for drop assembly shall be same size as inflow pipe to manhole.
5. Pipe and fittings for drop assembly shall be: ductile iron ANSI A21.50-1, AWWA C150-1, AWWA C-900 or PVC ASTM 3034 SDR 35.
6. Pipe connections of four or more mainlines shall require a manhole connection and channel detail.
7. Provide a minimum of 8-inches of intact (undisturbed) manhole wall between pipe breakouts as measured on the inside face of the manhole.
8. No more than 8-inches of grade rings shall be used.
9. Paving rings are not allowed without the City Engineer's written approval.
10. Minimum fall between inlet and outlet to be



**ATTENTION! THIS DRAWING REPLACES  
DRAWING NO. 306, DATED 6-10-04**

1. ADDED NOTE #9. ADDED GRADE RING CALL-OUT. REMOVED '60-INCH' AND ADDED 'PRECAST' TO NOTE #1. REMOVED 'VARIABLE' FROM MANHOLE INSIDE DIAMETER DIMENSION. UPDATED CLAMP DETAIL (NOTE #11) CALL-OUT.